## **AMENDMENTS TO THE CLAIMS**

1	1. (Currently Amended) A download system including (a) a receiving apparatus for
2	receiving and executing a program and (b) a transmitting apparatus for transmitting the program
3	to the receiving apparatus,
4	the receiving apparatus comprising:
5	information generating means for generating receiving apparatus information that
6	indicates a use state of resources held by the receiving apparatus that are necessary for program
7	executions, the use state indicating a current status of each resource being used and each resource
8	not being used;
9	request transmitting means for transmitting to the transmitting apparatus a
10	download request which contains (a) an identification of a download-target program and (b) the
11	generated receiving apparatus information; and
12	program receiving means for receiving a program that is sent from the
13	transmitting apparatus in response to the download request, and
14	the transmitting apparatus comprising:
15	program holding means for holding one or more programs and identifications
.16	thereof;
17	resource information holding means for holding one or more pieces of resource
18	information which correspond to the one or more programs on a one-to-one basis and each
19	indicate resources necessary for an execution of a corresponding program;
20	request receiving means for receiving the download request from the receiving
21	apparatus;

judging means for judging, from (a) a piece of resource information corresponding to one of the one or more programs with the identification contained in the download request and (b) the receiving apparatus information contained in the download request, whether the receiving apparatus can execute the program with the identification by checking an amount of unused resource capability currently available; and

program transmitting means for not transmitting to the receiving apparatus the program with the identification when the judging means judges that the receiving apparatus can not execute the program and for transmitting to the receiving apparatus a notification that the download is not available when the judging means judges that the receiving apparatus can not execute the program.

- 2. (Currently Amended) A download system including (a) a receiving apparatus for receiving and executing a program and (b) a transmitting apparatus for transmitting the program to the receiving apparatus,
  - the receiving apparatus comprising:

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- information generating means for generating receiving apparatus information that indicates a use state of resources held by the receiving apparatus that are necessary for program executions, the use state indicating a current status of each resource being used and each resource not being used;
- request transmitting means for transmitting to the transmitting apparatus a download request which contains (a) an identification of a download-target program and (b) the generated receiving apparatus information; and

12 program receiving means for receiving a program that is sent from the 13 transmitting apparatus in response to the download request, and 14 the transmitting apparatus comprising: 15 program holding means for holding a plurality of programs and identifications 16 thereof, the plurality of programs achieving basically the same function and requiring resources 17 that satisfy different conditions: 18 resource information holding means for holding a plurality of pieces of resource 19 information which correspond to the plurality of programs on a one-to-one basis and each 20 indicate resources necessary for an execution of a corresponding program; 21 request receiving means for receiving the download request from the receiving 22 apparatus; 23 judging means for judging, from (a) two or more pieces of resource information 24 corresponding to two or more programs that have the identification contained in the download 25 request, among the plurality of programs and (b) the receiving apparatus information contained 26 in the download request, whether the receiving apparatus can execute the two or more programs 27 by checking an amount of unused resource capability currently available; and 28 program transmitting means for not transmitting to the receiving apparatus a 29 program that the judging means judges the receiving apparatus can not execute and for 30 transmitting to the receiving apparatus a notification that the download is not available when the 31 judging means judges that the receiving apparatus can not execute the program.

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1	5. (Original) The download system of Claim 2, wherein
2	when judging that the receiving apparatus can execute any of at least two
3	programs among the two or more programs, the judging means selects one out of the at least two
4	programs, and
5	the program transmitting means transmits the selected program to the receiving
6	apparatus.
1	4. (Original) The download system of Claim 2, wherein
2	when the judging means judges that the receiving apparatus can execute any of at
3	least two programs among the two or more programs, the program transmitting means transmits
4	to the receiving apparatus at least two pieces of characteristic information that each indicate
5	characteristics at an execution of a corresponding one of the at least two programs, receives a
6	selection result which is sent from the receiving apparatus in response to the at least two pieces
· <sub>7</sub>	of characteristic information, and transmits a program corresponding to the selection result to the
8	receiving apparatus, and
9	the receiving apparatus further comprising:
10	selection receiving means for presenting to a user the at least two pieces of
11	characteristic information received from the program transmitting means, allowing the user to
-12	select one among the at least two pieces of characteristic information, and receiving a selection
13	result from the user; and
14	selection result notifying means for notifying the transmitting apparatus of the
15	selection result.
1	5. (Cancelled)

1	6.	(Currently Amended) The download system of Claim 5, A download system
2	including (a)	a receiving apparatus for receiving and executing a program and (b) a transmitting
3	apparatus for	transmitting the program to the receiving apparatus,
4		the transmitting apparatus comprising:
5		program holding means for holding one or more programs and identifications
6	thereof;	
7		resource data holding means for holding one or more pieces of resource data
8	which corres	pond to the one or more programs on a one-to-one basis and each define resources
9	necessary for	an execution of a corresponding program;
10		request receiving means for receiving either a resource data request or a program
11	request from	the receiving apparatus; and
12		transmitting means for either (a) reading from the resource data holding means a
13	piece of reso	urce data corresponding to an identification contained in the received resource data
14	request and to	ransmitting the read piece of resource data to the receiving apparatus, or (b) reading
15	from the pro-	gram holding means a program corresponding to an identification contained in the
16	received prog	gram request, and transmitting the read program to the receiving apparatus, and
17		the receiving apparatus comprising:
18		first request transmitting means for transmitting to the transmitting apparatus the
19	resource data	request that contains the identification of a download-target program;
20		resource data receiving means for receiving the piece of resource data sent from
21	the transmitti	ng apparatus in response to the resource data request;

22	judging means for judging from the piece of resource data whether the receiving
23	apparatus can execute the download-target program by checking an amount of unused resource
24	capability currently available;
25	second request transmitting means for, when the judging means judges that the
26	receiving apparatus can execute the download-target program, transmitting the program request
27	containing the identification of the download-target program; and
28	program receiving means for receiving a program that is sent from the
29	transmitting apparatus in response to the program request, wherein
30	the one or more pieces of resource data held by the resource data holding means
31	are resource acquisition scripts used for acquiring resources necessary for executions of
32	corresponding programs, and
33	the judging means judges from a result of a provisional execution of a resource
34	acquisition script received from the transmitting apparatus whether the receiving apparatus can
35	execute the download-target program.
1	7. (Currently Amended) A download system including (a) a receiving apparatus for
2	receiving and executing a program and (b) a transmitting apparatus for transmitting the program
. 3	to the receiving apparatus,
4	the transmitting apparatus comprising:
5	program holding means for holding one or more programs and identifications
6	thereof;
7	check script holding means for holding one or more check scripts which
8	correspond to the one or more programs and are each used to check whether the receiving

9	apparatus has either of a device function and an embedded-program function that is necessary for
10	an execution of a corresponding program;
11	request receiving means for receiving either a check script request or a program
12	request from the receiving apparatus; and
13	transmitting means for either (a) reading from the check script holding means a
14	check script corresponding to an identification contained in the received check script request and
15	transmitting the read check script to the receiving apparatus, or (b) reading from the program
16	holding means a program corresponding to an identification contained in the received program
17	request, and transmitting the read program to the receiving apparatus, and
18	the receiving apparatus comprising:
19	first request transmitting means for transmitting to the transmitting apparatus the
20	check script request that contains the identification of a download-target program;
21	check script receiving means for receiving the check script sent from the
22	transmitting apparatus in response to the check script request;
23	judging means for judging from a result of an execution of the received check
24	script whether the receiving apparatus can execute the download-target program;
25	second request transmitting means for, when the judging means judges that the
26	receiving apparatus can not execute the download-target program, not transmitting the program
·27	request containing the identification of the download-target program; and
28	program receiving means for receiving a program that is sent from the
29	transmitting apparatus in response to the program request.

(Cancelled)

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1	11. (Currently Amended) The receiving apparatus of Claim 10, A receiving
2	apparatus for receiving and executing a program in a download system which also includes a
3	transmitting apparatus for transmitting the program to the receiving apparatus, the receiving
4	apparatus comprising:
5	first request transmitting means for transmitting to the transmitting apparatus the
6	resource data request that contains the identification of a download-target program;
7	resource data receiving means for receiving the piece of resource data sent from
8	the transmitting apparatus in response to the resource data request;
9	judging means for judging from the piece of resource data whether the receiving
10	apparatus can execute the download-target program by checking an amount of unused resource
11	capability currently available;
12	second request transmitting means for, when the judging means judges that the
13	receiving apparatus can execute the download-target program, transmitting the program request
14	containing the identification of the download-target program; and
15	program receiving means for receiving a program that is sent from the
16	transmitting apparatus in response to the program request, wherein
.17	the piece of resource data received by the resource data receiving means is a
.18	resource acquisition script used for acquiring resources necessary for an execution of a
19	corresponding program, and
20	the judging means judges from a result of a provisional execution of the resource
21	acquisition script received from the transmitting apparatus whether the receiving apparatus can
22	execute the download-target program.

1	12. (Currently Amended) A receiving apparatus for receiving and executing a
2	program in a download system which also includes a transmitting apparatus for transmitting the
3	program to the receiving apparatus, the receiving apparatus comprising:
4	first request transmitting means for transmitting to the transmitting apparatus a
5	check script request that contains an identification of a download-target program;
6	check script receiving means for receiving a check script sent from the
7	transmitting apparatus in response to the check script request;
8	judging means for judging from a result of an execution of the received check
9	script whether the receiving apparatus can execute the download-target program;
10	second request transmitting means for, when the judging means judges that the
11	receiving apparatus can [[not]] execute the download-target program, [[not]] transmitting the
12	program request containing the identification of the download-target program; and
13	program receiving means for receiving a program that is sent from the
14	transmitting apparatus in response to the program request.
1	13. (Currently Amended) A transmitting apparatus that transmits a program to a
2	receiving apparatus that receives and executes the program, the transmitting apparatus and the
· 3	receiving apparatus being included in a download system, the transmitting apparatus comprising:
. 4	program holding means for holding one or more programs and identifications
5	thereof;
6	resource information holding means for holding one or more pieces of resource
7	information which correspond to the one or more programs on a one-to-one basis and each
8	indicate resources necessary for an execution of a corresponding program;

9 request receiving means for receiving a download request from the receiving 10 apparatus;

judging means for judging, from (a) a piece of resource information corresponding to one of the one or more programs with an identification contained in the download request and (b) receiving apparatus information contained in the download request, whether the receiving apparatus can execute the program with the identification by checking an amount of unused resource capability currently available; and

program transmitting means for [[not]] transmitting to the receiving apparatus the program with the identification when the judging means judges that the receiving apparatus can not execute the program and for transmitting to the receiving apparatus a notification that the download is not available when the judging means judges that the receiving apparatus can not execute the program.

- 14. (Currently Amended) A transmitting apparatus that transmits a program to a receiving apparatus that receives and executes the program, the transmitting apparatus and the receiving apparatus being included in a download system, the transmitting apparatus comprising:

  program holding means for holding a plurality of programs and identifications
- 5 thereof, the plurality of programs achieving basically the same function and requiring resources
- 6 that satisfy different conditions;

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resource information holding means for holding a plurality of pieces of resource information which correspond to the plurality of programs on a one-to-one basis and each indicate resources necessary for an execution of a corresponding program;

request receiving means for receiving a download request from the receiving apparatus;

judging means for judging, from (a) two or more pieces of resource information corresponding to two or more programs that have an identification contained in the download request, among the plurality of programs and (b) receiving apparatus information contained in the download request, whether the receiving apparatus can execute the two or more programs, and when judging that the receiving apparatus can execute any of at least two programs among the two or more programs by checking an amount of unused resource capability currently available, selecting one out of the at least two programs; and

program transmitting means for not transmitting to the receiving apparatus the program with the identification when the judging means judges that the receiving apparatus can not execute any of at least two programs selected by the judging means to the receiving apparatus and for transmitting to the receiving apparatus a notification that the download is not available when the judging means judges that the receiving apparatus can not execute the program.

## 15. - 17. (Cancelled)

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18. (New) A receiving apparatus for receiving and executing a program in a download system which also includes a transmitting apparatus for transmitting the program to the receiving apparatus, the receiving apparatus comprising:

information generating means for generating receiving apparatus information that indicates a use state of resources held by the receiving apparatus that are necessary for program

executions, the use state indicating a current status of each resource being used and each resource
 not being used;

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request transmitting means for transmitting to the transmitting apparatus a download request which contains (a) an identification of a download-target program and (b) the generated receiving apparatus information; and

program receiving means for receiving a notification that the download is not available when the program turned out not to be executed by the receiving apparatus.

19. (New) A receiving apparatus for receiving and executing a program in a download system which also includes a transmitting apparatus for transmitting the program to the receiving apparatus, the transmitting apparatus holding a plurality of programs and identifications thereof, the plurality of programs achieving basically the same function and requiring resources that satisfy different conditions, the receiving apparatus comprising:

state of resources held by the receiving apparatus that are necessary for program executions, the use state indicating a current status of each resource being used and each resource not being used;

request transmitting means for transmitting to the transmitting apparatus a download request which contains (a) an identification of a download-target program by checking an amount of unused resource capability currently available and (b) the generated receiving apparatus information;

selection receiving means for presenting to a user a plurality of pieces of characteristic information that are received from the transmitting apparatus and each indicate

16 characteristics at an execution of a corresponding one of a plurality of programs having the 17 identification contained in the download request, allowing the user to select one among the 18 plurality of pieces of characteristic information, and receiving a selection result from the user; selection result notifying means for notifying the transmitting apparatus of the 19 20 selection result; and program receiving means for receiving a program that corresponds to the 21 selection result and is sent from the transmitting apparatus when the program turned out to be 22 23 able to be executed by the receiving apparatus and for receiving a notification that the download is not available when the program turned out not to be able to be executed by the receiving 24 25 apparatus. 20. (New) A transmitting apparatus that transmits a program to a receiving apparatus 1 2 that receives and executes the program, the transmitting apparatus and the receiving apparatus ,3 being included in a download system, the transmitting apparatus comprising: program holding means for holding one or more programs and identifications 4 5 thereof; 6 resource data holding means for holding one or more pieces of resource data . 7 which correspond to the one or more programs on a one-to-one basis and each define resources 8 necessary for an execution of a corresponding program; 9 request receiving means for receiving either a resource data request or a program 10 request from the receiving apparatus; and 11 transmitting means for either (a) reading from the resource data holding means a piece of resource data corresponding to an identification contained in the received resource data 12

request and transmitting the read piece of resource data to the receiving apparatus, or (b) reading from the program holding means a program corresponding to an identification contained in the received program request, and transmitting the read program to the receiving apparatus, wherein the one or more pieces of resource data held by the resource data holding means are resource acquisition scripts used for acquiring resources necessary for executions of corresponding programs.

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- 21. (New) A transmitting apparatus that transmits a program to a receiving apparatus that receives and executes the program, the transmitting apparatus and the receiving apparatus being included in a download system, the transmitting apparatus comprising:
- program holding means for holding one or more programs and identifications thereof;
- check script holding means for holding one or more check scripts which correspond to the one or more programs and are each used to check whether the receiving apparatus has either of a device function and an embedded-program function that is necessary for an execution of a corresponding program;
- request receiving means for receiving either a check script request or a program request from the receiving apparatus; and
- transmitting means for either (a) reading from the check script holding means a check script corresponding to an identification contained in the received check script request and transmitting the read check script to the receiving apparatus, or (b) reading from the program holding means a program corresponding to an identification contained in the received program request, and transmitting the read program to the receiving apparatus.

1	22. (New) A transmitting apparatus that transmits a program to a receiving apparatus
2	that receives and executes the program, the transmitting apparatus and the receiving apparatus
3	being included in a download system, the transmitting apparatus comprising:
4	program holding means for holding one or more programs and identifications
5	thereof;
6	resource information holding means for holding one or more pieces of resource
7	information which correspond to the one or more programs on a one-to-one basis and each
8	indicate resources necessary for an execution of a corresponding program;
9	request receiving means for receiving a download request from the receiving
10	apparatus;
11	judging means for determining (a) whether the receiving apparatus can store the
12	one or more programs by checking an amount of available storage space and (b) whether the
13	receiving apparatus can execute the one or more programs by checking an amount of unused
14	resource capability currently available; and
15	program transmitting means for transmitting to the receiving apparatus the
16	program with the identification when the judging means judges that the receiving apparatus can
.17	execute the program and for transmitting to the receiving apparatus a notification that the
18	download is not available when the judging means judges that the receiving apparatus can not
19	execute the program.

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